

"The process according to the invention consists in oxyalkylation of organic compounds containing hydroxyl groups with alkylene oxides at the temperature 80-170° C at the presence of basic catalysts. The mixture containing 94.5-99.9% by mass of monoalkyl phenols with an alkyl group of carbon atoms number 6-16, of the formula according to Fig. 1 and the water content not more than 0.1% by mass, is oxyalkylated with ethylene oxide or propylene oxide at the presence of not more than 5.0% by mass of monohydroxyl alcohols of the general formula $R_2 - OH$, where R_2 - alkyl group of the carbon atoms number 1 to 4, up to the moment of obtaining the molecular weight of oxyalkylated alcohol not lower than 100 daltons and the hydroxyl number not higher than 150 mg KOH/g. It is favourable to obtain monohydroxyl alcohols content from 0.1% by mass to 1.0% by mass. Next the products of the oxyalkylation are contacted at the temperature of 150° C with acid ion-exchange resin in the hydrogen form, preferably with functional sulfo groups, containing at least 0.1 mole of water per 1 mole of sulfo groups."

Applicants respectfully point the Examiner's attention to the above-portion of the specification which describes the subject matter by providing the types of chemicals necessary for the desired reaction; the parameters for the reaction, such as temperature, and percentages of chemicals; formulae; and the resultants of the reaction.

Where a specification provides information on how to practice the claimed invention, and presents working examples, and all of the methods needed to practice the invention were well known, and that there was a high level of skill in the art at the time the application was filed, in this case the specification is within

the requirements of 35 U.S.C. 112, first paragraph. See, *In re Wands*, 858 F.2d 731, 8 USPQ2d 1400 (Fed. Cir. 1988).

Those highly skilled in the chemical arts would not be required to perform undue experimentation to produce the oxyalkylenated monoalkyl phenols, and most likely would not perform experimentation at all, to readily predict the chemical resultants and the intermediary steps involved in the reaction which has been described in the specification.

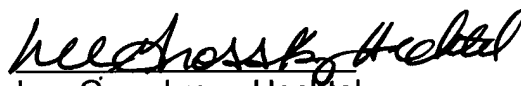
The specification provides considerable guidance and direction on the necessary steps to be performed, which may be easily done by one skilled in the art. The extensive Examples of the specification, see pages six through twenty – two, additionally support the description requirements of 35 U.C.S. 112, first paragraph. The Examples lay out the step-by-step manner in which the Components of Additives for Engine Fuels may be made and the chemical nature of the Components.

Based on the comprehensive nature of the disclosure of this specification, the Components of Additives for Engine Fuels as described in Claims 5 through 12 are fully supported.

Conclusion

In light of the foregoing, the Applicants believe that this application is now in condition for allowance and the Applicants respectfully request such allowance. If the Examiner believes that a telephone conference may expedite the allowance of this application, please contact the undersigned, Applicants' attorney, at your convenience.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Lee Grosskreuz Hechtel". The signature is fluid and cursive, with the first name "Lee" and last name "Hechtel" being more prominent than the middle name "Grosskreuz".

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